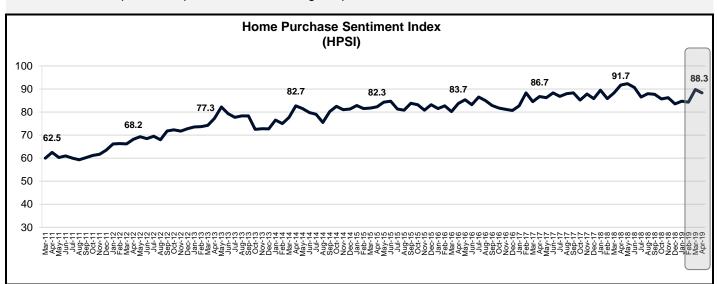


April 2019 Data Release

The Home Purchase Sentiment Index[®] (HPSI) is a composite index designed to track consumers' housing-related attitudes, intentions, and perceptions, using six questions from the National Housing Survey[®] (NHS).

The Home Purchase Sentiment Index



The HPSI fell 1.5 points in April to 88.3, after rising 5.5 points in March.

Components of the HPSI

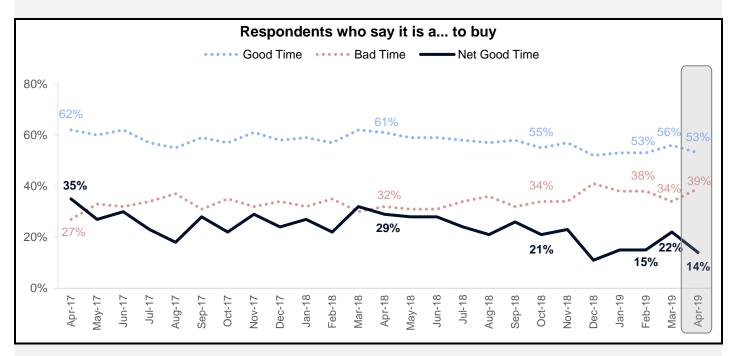
The decreases in the HPSI can be attributed to decreases in three of the components: Good Time To Buy (-8), Confidence About Not Losing Job (-6), and Home Prices Will Go Up (-2). Two components increased: Mortgage Rates Will Go Down (+5) and Household Income is Significantly Higher (+2). Good Time to Sell remained unchanged.

	April 2019*	Change Since Last Month	Change Since Last Year	
April 2019 HPSI	88.3	-1.5	-3.4	
Good Time To Buy	14	-8	-15	
Good Time To Sell	43	0	-2	
Home Prices Will Go Up (next 12 months)	36	-2	-13	
Mortgage Rates Will Go Down (next 12 months)	-40	+5	+8	
Confidence About Not Losing Job (next 12 months)	74	-6	-2	
Household Income Is Significantly Higher (past 12 months)	22	+2	+4	
* Net percentages of the component questions used to calculate HPSI, e.g. (Percent Good Time to Buy – Percent Bad Time to Buy) = 14				

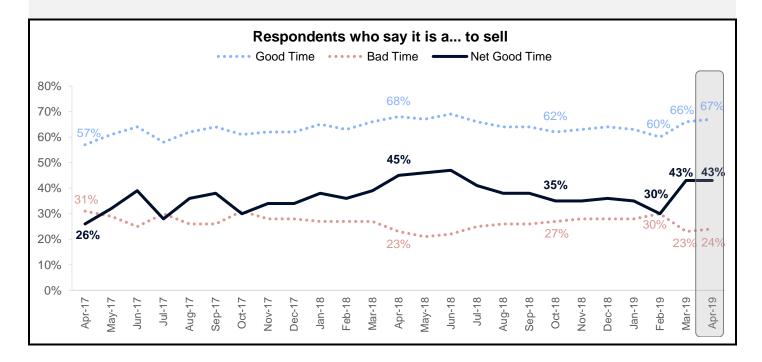


Components of the HPSI – Good/Bad Time to Buy and Sell a Home

In April, the net share of Americans who say it is a good time to buy fell 8 percentage points to 14%, reversing the increase seen in March.

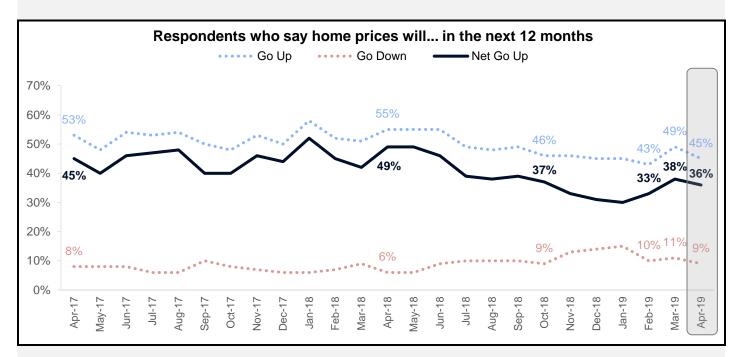


The net percentage of those who say it is a good time to sell remained at 43% in April.

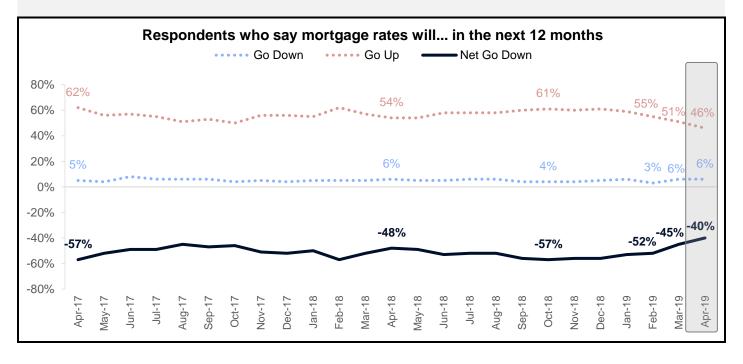


Components of the HPSI - Home Price and Mortgage Rate Expectations

The net share of Americans who say home prices will go up fell 2 percentage points to 36%, reversing the upward trend seen thus far in 2019.

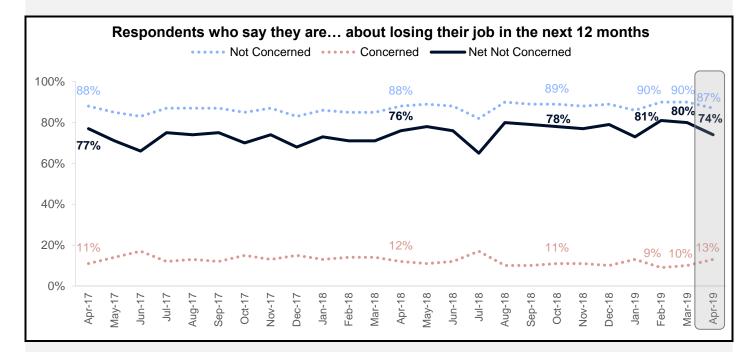


This month, the net share of those who say mortgage rates will go down over the next 12 months rose 5 percentage points to -40%, continuing the upward trend.



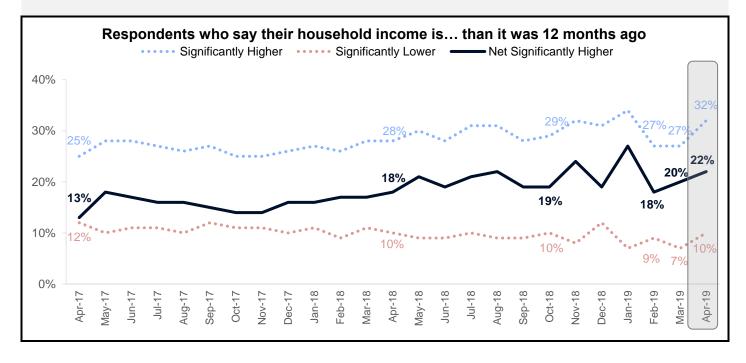


Components of the HPSI – Job Concerns and Household Incomes



The net share of Americans who say they are not concerned about losing their job fell 6 percentage points to 74%.

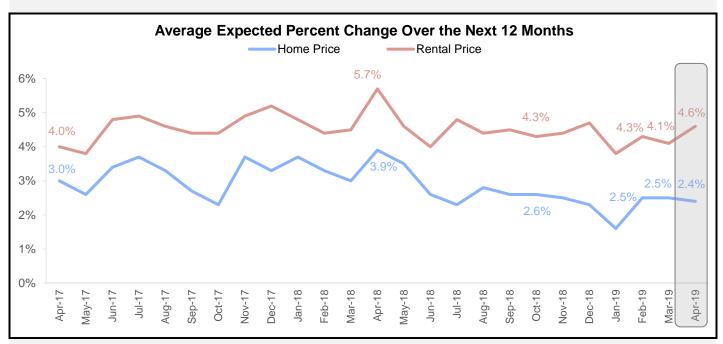
The net share of those who say their household income is significantly higher than it was 12 months ago rose 2 percentage points to 22%.



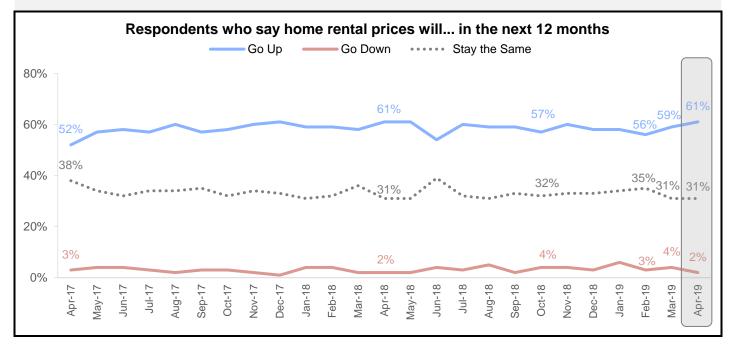


Additional National Housing Survey Key Indicators

On average, Americans expect rental prices to increase 4.6% over the next 12 months, 0.5 percentage points higher than last month. They expect home prices to rise 2.4% over the next 12 months, a 0.1 percentage point decrease.



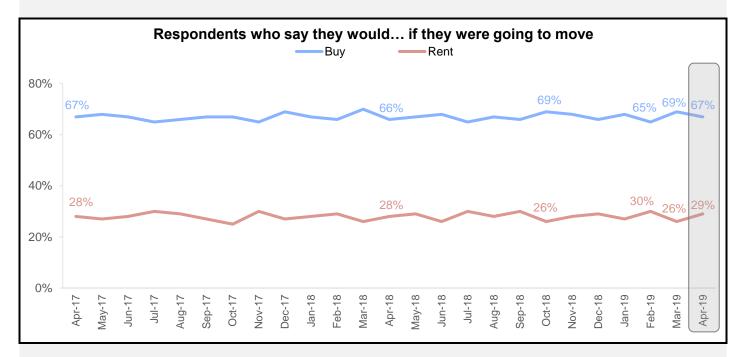
The share of Americans who expect home rental prices to go up rose 2 percentage points to match the survey high of 61% last reached in May 2018, while the share who expect them to stay the same remained the same at the survey low of 31%.



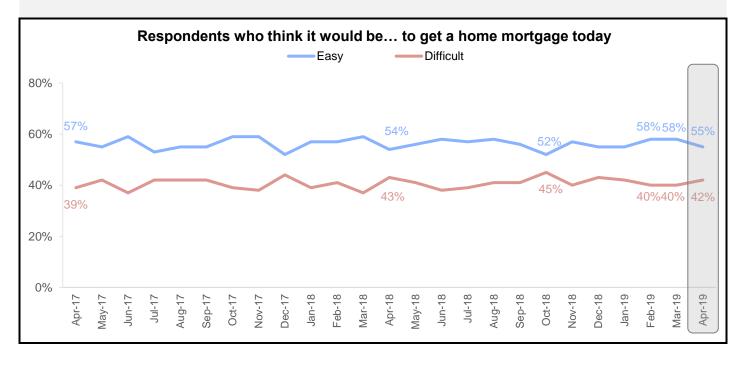


Additional National Housing Survey Key Indicators

The share of Americans who say they would buy if they were going to move fell 2 percentage points to 67%, and the share who say they would rent rose 3 percentage points to 29%.



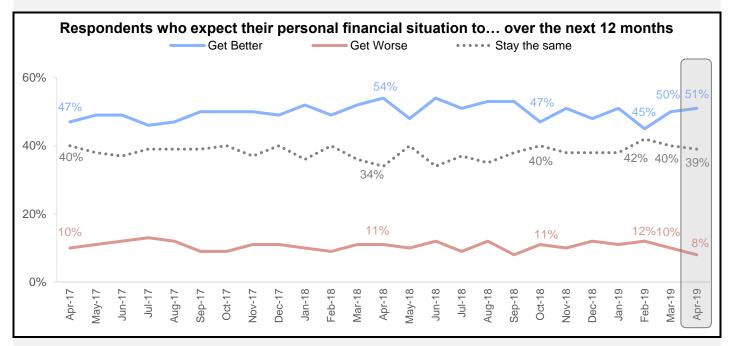
The share of Americans who say getting a mortgage would be easy fell 3 percentage points to 55%, while the share of those who say it would be difficult rose 2 percentage points to 42%.



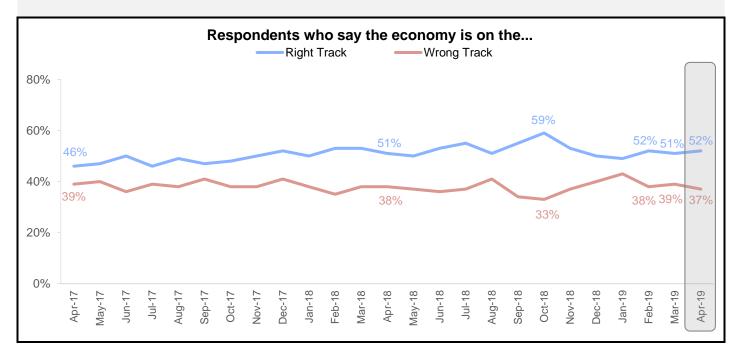


Additional National Housing Survey Key Indicators

The share of Americans who expect their personal financial situations to get better rose 1 percentage point to 51%. The share who expect it to stay the same fell 1 percentage point to 39%, while the share who expect it to get worse fell 2 percentage points to 8%.



The share of Americans who say the economy is on the right track rose 1 percentage point to 52% while the share who say it is on the wrong track fell 2 percentage points to 37%.





The National Housing Survey®

April 2019 APPENDIX

About the Survey

The National Housing Survey[®] polled a nationally representative sample of 1,000 household financial decision makers (margin of error $\pm 3.1\%$) aged 18 and older between April 1, 2019 and April 23, 2019. Most of the data collection occurred during the first two weeks of this period.

Interviews were conducted by PSB, in coordination with Fannie Mae.

The statistics in this release were estimated from sample surveys and are subject to sampling variability as well as nonsampling error, including bias and variance from response, nonreporting, and undercoverage. Averages of expected price changes were calculated after converting responses of "stay the same" to 0% and after excluding outliers, which were defined to be responses that were more than two standard deviations from the means.

How the Home Purchase Sentiment Index (HPSI) is Calculated*			
Net Good Time to Buy Very or Somewhat Good Time To Buy – Very or Somewhat Bad Time To Buy	Q12		
Net Good Time to Sell Very or Somewhat Good Time To Sell – Very or Somewhat Bad Time To Sell	Q13		
Net Home Prices Will Go Up (next 12 months) Home Prices Will Go Up – Home Prices Will Go Down	Q15		
Net Mortgage Rates Will Go Down (next 12 months) Mortgage Rates Will Go Down – Mortgage Rates Will Go Up	Q20B		
Net Confident About Not Losing Job (next 12 months) Not at All or Not Very Concerned about Losing Job – Very or Somewhat Concerned about Losing Job	Q112B		
Net Household Income is Significantly Higher (past 12 months) Income is Significantly Higher – Income is Significantly Lower	Q116		
$HPSI = \frac{Q12 + Q13 + Q15 + Q20B + Q112B + Q116}{6} + 63.5$			
* The HPSI calculation includes the addition of a constant of 63.5 in order to set the index's initial value at 60 as of March 2011, in range with the Index of Consumer Sentiment and the Consumer Confidence Index			

Time Series Data: <u>http://fanniemae.com/resources/file/research/housingsurvey/xls/nhs-monthly-indicator-data-050719.xlsx</u>

HPSI Overview: http://fanniemae.com/resources/file/research/housingsurvey/pdf/hpsi-overview.pdf

HPSI White Paper: http://fanniemae.com/resources/file/research/housingsurvey/pdf/hpsi-whitepaper.pdf



Home Purchase Sentiment	Index Over the Past 12 M	lonths
April 2018	91.7	
May 2018	92.3	
June 2018	90.7	
July 2018	86.5	
August 2018	88.0	
September 2018	87.7	
October 2018	85.7	
November 2018	86.2	
December 2018	83.5	
January 2019	84.7	
February 2019	84.3	
March 2019	89.8	
April 2019	88.3	

Percent of respondents who say it is a good or bad time to buy				
	% Good Time to Buy	% Bad Time to Buy	Net % Good Time to Buy	
April 2018	61	32	29	
May 2018	59	31	28	
June 2018	59	31	28	
July 2018	58	34	24	
August 2018	57	36	21	
September 2018	58	32	26	
October 2018	55	34	21	
November 2018	57	34	23	
December 2018	52	41	11	
January 2019	53	38	15	
February 2019	53	38	15	
March 2019	56	34	22	
April 2019	53	39	14	



Percent of respondents who say it is a good or bad time to sell				
	% Good Time to Sell	% Bad Time to Sell	Net % Good Time to Sell	
April 2018	68	23	45	
May 2018	67	21	46	
June 2018	69	22	47	
July 2018	66	25	41	
August 2018	64	26	38	
September 2018	64	26	38	
October 2018	62	27	35	
November 2018	63	28	35	
December 2018	64	28	36	
January 2019	63	28	35	
February 2019	60	30	30	
March 2019	66	23	43	
April 2019	67	24	43	

Percent of respondents who s	ay home prices will go	up, go down, or stay the same	in the next 12 months
	% Go Up	% Go Down	Net % Prices Will Go Up
April 2018	55	6	49
May 2018	55	6	49
June 2018	55	9	46
July 2018	49	10	39
August 2018	48	10	38
September 2018	49	10	39
October 2018	46	9	37
November 2018	46	13	33
December 2018	45	14	31
January 2019	45	15	30
February 2019	43	10	33
March 2019	49	11	38
April 2019	45	9	36



Percent of respondents who say mortgage rates will go up, go down, or stay the same in the next 12 months			
	% Go Up	% Go Down	Net % Rates Will Go Down
April 2018	54	6	-48
May 2018	54	5	-49
June 2018	58	5	-53
July 2018	58	6	-52
August 2018	58	6	-52
September 2018	60	4	-56
October 2018	61	4	-57
November 2018	60	4	-56
December 2018	61	5	-56
January 2019	59	6	-53
February 2019	55	3	-52
March 2019	51	6	-45
April 2019	46	6	-40
Percent of respondents who sa	ay are concerned or not	concerned about losing the	ir job
	% Concerned	% Not Concerned	Net % Not Concerned
April 2018	12	88	76
May 2018	11	89	78
June 2018	12	88	76
July 2018	17	82	65
August 2018	10	90	80
September 2018	10	89	79
October 2018	11	89	78
November 2018	11	88	77
December 2018	10	89	79
January 2019	13	86	73
February 2019	9	90	81
	10	90	80
March 2019	10	30	88



Percent of respondents who sa	y their household income is h	igher, lower, or about the same co	mpared to 12 months ago
	% Significantly Higher	% Significantly Lower	Net % Higher
April 2018	28	10	18
May 2018	30	9	21
June 2018	28	9	19
July 2018	31	10	21
August 2018	31	9	22
September 2018	28	9	19
October 2018	29	10	19
November 2018	32	8	24
December 2018	31	12	19
January 2019	34	7	27
February 2019	27	9	18
March 2019	27	7	20
April 2019	32	10	22
Average home/rental price c	hange expectation		
	% Home Price Change	% Rental Price Change	
April 2018	3.9	5.7	
May 2018	3.5	4.6	
June 2018	2.6	4.0	
July 2018	2.3	4.8	
August 2018	2.8	4.4	
September 2018	2.6	4.5	
October 2018	2.6	4.3	
November 2018	2.5	4.4	
December 2018	2.3	4.7	
January 2019	1.6	3.8	
February 2019	2.5	4.3	
March 2019	2.5	4.1	
April 2019	2.4	4.6	



Percent of respondents who say home rental prices will go up, go down, or stay the same in the next 12 months			
	% Go Up	% Go Down	% Stay the Same
April 2018	61	2	31
May 2018	61	2	31
June 2018	54	4	39
July 2018	60	3	32
August 2018	59	5	31
September 2018	59	2	33
October 2018	57	4	32
November 2018	60	4	33
December 2018	58	3	33
January 2019	58	6	34
February 2019	56	3	35
March 2019	59	4	31
April 2019	61	2	31

Percent of respondents who say they would buy or rent if they were going to move			
	% Buy	% Rent	
April 2018	66	28	
May 2018	67	29	
June 2018	68	26	
July 2018	65	30	
August 2018	67	28	
September 2018	66	30	
October 2018	69	26	
November 2018	68	28	
December 2018	66	29	
January 2019	68	27	
February 2019	65	30	
March 2019	69	26	
April 2019	67	29	



Percent of respondents who think it would be difficult or easy for them to get a home mortgage today				
	% Difficult	% Easy		
April 2018	43	54		
May 2018	41	56		
June 2018	38	58		
July 2018	39	57		
August 2018	41	58		
September 2018	41	56		
October 2018	45	52		
November 2018	40	57		
December 2018	43	55		
January 2019	42	55		
February 2019	40	58		
March 2019	40	58		
April 2019	42	55		

Percent of respondents who expect their personal financial situation to get better, get worse, or stay the same in the next 12 months			
	% Get Better	% Get Worse	% Stay the Same
April 2018	54	11	34
May 2018	48	10	40
June 2018	54	12	34
July 2018	51	9	37
August 2018	53	12	35
September 2018	53	8	38
October 2018	47	11	40
November 2018	51	10	38
December 2018	48	12	38
January 2019	51	11	38
February 2019	45	12	42
March 2019	50	10	40
April 2019	51	8	39



Percent of respondents who think the economy is on the right track or the wrong track			
	% Right Track	% Wrong Track	
April 2018	51	38	
May 2018	50	37	
June 2018	53	36	
July 2018	55	37	
August 2018	51	41	
September 2018	55	34	
October 2018	59	33	
November 2018	53	37	
December 2018	50	40	
January 2019	49	43	
February 2019	52	38	
March 2019	51	39	
April 2019	52	37	